

RESOLUTION 2020 - 11

**A RESOLUTION OF THE CITY COUNCIL OF THE
CITY OF SUNNYSIDE, WASHINGTON, AUTHORIZING AN
AGREEMENT WITH PACIFIC POWER TO INCENTIVIZE THE
ENERGY UPGRADES TO OUR WASTE WATER
TREATMENT PLANT**

WHEREAS, the City is responsible to operate and maintain all sewer system infrastructure within the City limits; and

WHEREAS, staff was contacted by Pacific Power to assess our operations at the waste water treatment plant for energy savings and incentivized payback on those improvements; and

WHEREAS, Pacific Power identified several areas in which we could improve our processes by installing new dissolved oxygen (DO) controls and diffusers and the replacement of outdated motors with Variable Frequency Drive (VFD) motors; and

WHEREAS, the total cost of this project is \$153,351.03, of which \$70,937.05 is the incentivized offer. This leaves a balance of \$82,413.98, and based on Pacific Powers assessment, will be paid back in 3.1 years; and

WHEREAS, the City of Sunnyside City Council finds and determines that these improvements are in the best interest of the residents of the City of Sunnyside and will promote the general health, safety and welfare;

NOW, THEREFORE, IT IS HEREBY RESOLVED BY THE CITY COUNCIL OF THE CITY OF SUNNYSIDE, WAHSINGTON, as follows:

SECTION 1. The City Council of the City of Sunnyside authorizes the City Manager to execute and agreement with Pacific Power to incentivize these improvements at the Waste Water Treatment Plant, and is in accordance with the incentive offer which is attached hereto as Exhibit "A" and incorporated herein by this reference; and the City Manager is hereby

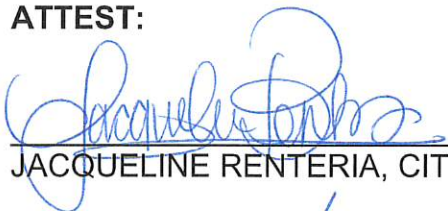
authorized to execute and administer an agreement for and on behalf of the City of Sunnyside.

SECTION 2. This Resolution shall be effective upon passage, approval and signatures hereon in accordance with law.

PASSED this 23th day of March, 2020.


FRANCISCO GUERRERO, MAYOR

ATTEST:


JACQUELINE RENTERIA, CITY CLERK

APPROVED AS TO FORM:

KERR LAW GROUP, PLLC
Attorneys for the City of Sunnyside

wattsmart Business Incentive Offer Letter



CITY OF SUNNYSIDE
1338 S 4TH ST # NEW
SUNNYSIDE, WA, 98944



Re: WBWA_267212 - City of Sunnyside - WWTP EM & Pump VFDs
Pacific Power
Hallie Gallinger – Project Manager
hallie.gallinger@pacificorp.com



After reviewing your project, we are pleased to provide you an incentive offer for the successful implementation of the approved energy efficiency measures described in the attached exhibit(s).

Cash Incentive Estimate

Issue Date: 01/21/2020
Estimated Annual Savings: 497,501
Estimated Incentive: \$70,937.05
Completion Date: 6/30/2020

For this offer to remain valid and to receive an incentive, it is the responsibility of the participant to:

1. Sign and return this offer to the contact above within 60 days of the issue date.
2. Implement the project by the Completion Date.
3. Notify Pacific Power of any changes that materially affect the implementation schedule, measure costs or the savings.
4. Upon project completion notify Pacific Power via email project has been completed.
5. Provide all required documentation and participate in any required inspections no later than 60 days from the Completion Date

Acknowledgement

I understand: (1) my responsibilities listed above; (2) the incentive offer is an estimate; (3) the incentive paid will be based on verified electric energy savings and approved costs; (4) if I terminate a material portion of my electric service requirements from Pacific Power for my facility within 60 months of the date of the final incentive payment under this Incentive Offer, and my facility remains in operation, I am obligated to repay the final incentive to Pacific Power within 30 days of written request. The repayment ("Repayment") will be determined as follows: $\text{Repayment} = \text{final Incentive} \times (60 - \text{Savings Delivery Term}) / 60$, where Savings Delivery Term = number of months between the month the Final Incentive payment was made and the month the Facility terminated a material portion of its electric service. For determining the Repayment, the dates will be the first day of the month in which they occur.

Name (please print)

Title

Signature

Date

Assignment of Incentive to a Third Party

(This Form only needs to be completed if Participant wants to assign the Incentive payment to a third party.)

The undersigned Participant hereby assigns all of its right, title and interest in the Incentive, subject to the terms and conditions of the Incentive Offer dated _____, to the following:

NAME: _____

STREET: _____

CITY, STATE, ZIP: _____

In the event that Pacific Power does not pay the incentive as a result of the Participant's failure to comply with the terms and conditions, the assignee's sole recourse shall be against Participant.

Executed on this _____ of _____ 20__

Participant:

By: _____

Name: _____

Title: _____



wattsmart® Business Incentives

Exhibit A - WBWA_267212

Project Name: City of Sunnyside Wastewater Treatment Plant Opportunities
Project Number: WBWA_267212

Version 1.42 11/06/2019

CUSTOM MEASURES

Measure Number	Measure	kWh Savings, Annual	kW Savings, avg per mo	Cost Savings, Annual	Incremental Installed Cost	Incremental Cost	Payback Before Incentive	Payback After Incentive	Retrofit or New Construction	TRL Number
CM1	Upgrade DO Controls and to Ultra Fine Di	351,609	20	\$18,897.68	\$135,487.80	\$52,741.35	7.2	4.4	R/NCMR	12162013-004
CM2	Install VFD on Recycled Water Pump	113,073	6	\$6,040.47	\$8,636.10	\$16,960.95	1.4	-1.4	R/NCMR	12162013-076
CM3	Install VFDs on Aeration Basin Anoxic Me	4,449	0	\$217.56	\$8,500.86	\$667.35	39.1	36.0	R/NCMR	12162013-004
		469,131	26	\$25,155.71	\$152,624.76	\$70,369.65	6.1	3.3		

ENERGY MANAGEMENT

ENERGY MANAGEMENT									
Measure Number		kWh Savings, Annual	kW Savings, avg per mo	Cost Savings, Annual	Incremental Installed Cost	Incremental	Payback Before Incentive	Payback After Incentive	TRL Number
EM 1	Shut Down Intermediate Clarifier Return	28,370	2	\$1,557.69	\$726.27	\$567.40	0.5	0.1	R/NCMR
		28,370	2	\$1,557.69	\$726.27	\$567.40	0.5	0.1	02272014-001

Electric

Measure Number	Measure	kWh Savings, Annual	kW Savings, avg per mo	Cost Savings, Annual	Incremental Installed Cost	Incremental Cost	Payback Before Incentive	Payback After Incentive	Installed Cost After Incentive	Percentage of Cost Paid by Incentive
	Project Totals	497,501	28.0	\$26,713	\$153,351.03	\$70,937.05	5.7	3.1	\$82,413.98	46.3%



Notes regarding wattsmart Business Custom incentives:

While the above energy savings results have been reviewed for technical accuracy and are believed to be reasonably accurate, the findings are estimates and actual results may vary. The incentives listed for individual measures are an allocation of the project incentive (allocated based on savings). For details on how incentives are calculated, see the attached incentive calculation sheet(s).

Issue Date: 01/21/2020

Rate Schedule: 36
Energy Rate: \$0.04890 / kWh
Demand Rate: \$7.100 / kW-mo
Effective Date: 4/1/2019
Project Status: SIR